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August 28, 2001

Tammy Styen

**PATENT**

**Attorney Docket No.: 011085**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Larry Williams, et al. :

**Serial No.:** 09/900,660 :

**Filing Date:** July 6, 2001 :

**Entitled:** SPIN POLARIZED WAVE DIVISION

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to the provisions of 37 C.F.R. Sections 1.56, 1.97 and 1.98, the Applicants submit the documents listed on the attached PTO Form 1449 for consideration during prosecution of the above-captioned patent application, which was filed on July 6, 2001. Applicants hereby request the Examiner to review and make an independent evaluation of the art.

This statement is made solely for the purpose of compliance with the above-identified rules and is not intended to be a substitute for an independent search by the Examiner and no representation of any such nature is made or intended by this statement.

Also enclosed is a return postcard. Please date stamp and mail the postcard to acknowledge receipt of the above-mentioned correspondence.

Respectfully submitted,



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Dated: August 28, 2001

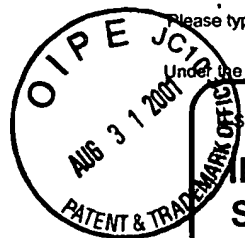
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PTO/SB/08B (08-00)

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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	09/900,660
Filing Date	07/06/01
First Named Inventor	Williams, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	011085

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S. BENEDETTO, R. GAUDINO and P. POGGIOLINI, Direct Detection of Optical Digital Transmission Based on Polarization Shift Keying Modulation, IEEE Journal on Selected Areas in Communications, April, 1995, pgs. 531-542, Vol. 13, No. 3.	
		S. BENEDETTO and PIERLUIGI POGGIOLINI, Theory of Polarization Shift Keying Modulation, IEEE Transactions on Communications, April, 1992, pgs. 708-721, Vol. 40, No. 4.	
		S. BETTI, F. CURTI, G. DE MARCHIS and E. IANNONE, Multilevel Coherent Optical System Based on Stokes Parameters Modulation, Journal of of Lightwave Technology, July 1990, pgs. 1127-1136, Vol. 8, No. 7.	
		S. BENEDETTO and P.T. POGGIOLINI, Multilevel Polarization Shift Keying: Optimum Receiver Structure and Performance Evaluation, IEEE Transactions on Communications, April, 1994, pgs. 1174-1186, vol. 42, No. 2/3/4	
		S. BENEDETTO, R. GAUDINO and P. POGGIOLINO, Performance of Coherent Optical Polarization Shift Keying Modulation in the Presence of Phase Noise, IEEE Transactions on Communications, February/March/April 1995, pgs. 1603-1612, Vol. 43, No. 2/3/4.	

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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